

PATENT COOPERATION TREATION 1 6 JUL 2004 PCT 10/501733

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 14 JAN 2004

Applicant's or agent's file reference				FOR FURTHER A	CTION	See Notification	of Transmille of international	261
3748WO				, on on one	01,011	Preliminary Exa	amination Report (Form PCT/IPE	EA/416)
		• •	lication No.	International filing date	(day/mon	th/year)	Priority date (day/month/year)	
PCT/NL 03/00003 07.01.2003				07.01.2003			25.01.2002	
	International Patent Classification (IPC) or both national classification and IPC							
C08	3G69	04						
	icant		<u> </u>	···				
DS	M IP	ASSE	ETS B.V. et al.					
1.	This	inter	national preliminary exar	nination report has bee	n prepai	red by this Inte	national Preliminary Examin	ing
	Auth	nority	and is transmitted to the	applicant according to	Article 3	6.	·	
								,
2.	This REPORT consists of a total of 5 sheets, including this cover sheet.							
	_							
		This beer	report is also accompar n amended and are the t	nied by ANNEXES, i.e. pasis for this report and	sheets o	of the description ts containing re	n, claims and/or drawings whectifications made before this	nich have
		(see	Rule 70.16 and Section	607 of the Administrat	ive Instr	uctions under t	ne PCT).	ridinority
	The	se anı	nexes consist of a total o	f sheets.				•
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3.	This	repoi	t contains indications rel	ating to the following it	ems:			
	ı	\boxtimes	Basis of the opinion					
	H		Priority					
	Ш				ovelty, ir	nventive step a	nd industrial applicability	
	IV		Lack of unity of invention				,	
	٧	☒	Reasoned statement u citations and explanation	nder Rule 66.2(a)(ii) wi ons supporting such sta	th regard atement	d to novelty, inv	rentive step or industrial appl	icability;
	VI		Certain documents cite					
	VII		Certain defects in the i	nternational application				
	VIII		Certain observations or	n the international appl	ication			
Date of submission of the demand					Date of	completion of this	s report	
09.07.2003					12.01.	2004		
Nami	Name and mailing address of the international					ed Officer		
	preliminary examining authority:					.00 0111001	/	SEO LISCORES MATORICALES
European Patent Office D-80298 Munich					Gerbe	r. M	(B)	
Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465						ne No. +49 89 2:	399-8528	
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/NL 03/00003

I.	Bas	is of	f the	rer	oort
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

			·					
	Des	Description, Pages						
	1-1	7	as originally filed					
	Cla	ims, Numbers						
	1-1	3	as originally filed					
2.	Wit lan	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.						
	The	These elements were available or furnished to this Authority in the following language: , which is:						
		the language of a tra	lation furnished for the purposes of the international search (under Rule 23.1(b)).					
		the language of publ	ication of the international application (under Rule 48.3(b)).					
		the language of a tra Rule 55.2 and/or 55.	nslation furnished for the purposes of international preliminary examination (under 3).					
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:							
		contained in the inte	rnational application in written form.					
		filed together with th	e international application in computer readable form.					
		furnished subsequer	ntly to this Authority in written form.					
		furnished subsequer	ntly to this Authority in computer readable form.					
		The statement that the international a	ne subsequently furnished written sequence listing does not go beyond the disclosure pplication as filed has been furnished.					
		The statement that the listing has been furnitude.	ne information recorded in computer readable form is identical to the written sequence shed.					
4.	The	amendments have re	esulted in the cancellation of:					
		the description,	pages:					
		the claims,	Nos.:					
		the drawings,	sheets:					
5.		This report has been been considered to g	established as if (some of) the amendments had not been made, since they have go beyond the disclosure as filed (Rule 70.2(c)).					
		(Any replacement sh report.)	eet containing such amendments must be referred to under item 1 and annexed to this					
6.	Add	itional observations, i	f necessary:					



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/NL 03/00003

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N) Yes: Claims 1-13

No: Claims

Inventive step (IS) Yes: Claims 1-13

No: Claims

Industrial applicability (IA) Yes: Claims 1-13

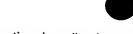
No: Claims

2. Citations and explanations

see separate sheet



INTERNATIONAL PRELIMINARY Inte



International application No. PCT/NL03/00003

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

D1: EP-A-0 732 351 (FISCHER KARL IND GMBH) 18 September 1996, cited in the application

D2: US-A-3 821 171 (BEATON D) 28 June 1974, cited in the application

D3: US-A-5 955 569 (DUJARI RAMDAS ET AL) 21 September 1999

D4: US-A-5 859 177 (BERGER LUZIUS ET AL) 12 January 1999

1. Novelty

EP-A-0 732 351, which is deemed to represent the closest prior art, discloses a solid-state post-condensation process involving a polyamide, which is aimed at increasing the molecular weight thereof, the dew point of the inert gas ranging from 0 to 30°C. The subject-matter of claim 1 differs from D1 in that there is no mention of dew point for the gas atmosphere.

The subject-matter of claims 1-13 is therefore novel over the available state of the art (Article 33(2) PCT).

2. Inventive step

The problem to be solved by the present invention may be regarded as to provide a process which enables to obtain a polyamide with increased molecular weight in shorter time with limited yellowing.

It is apparent from tables 1-3 that the fact of performing the SSPC process in two steps in inert gas atmospheres exhibiting different dew points results in polymers with higher viscosities in the same reaction time or require a shorter reaction time to reach the same viscosity level.

This was not foreseeable from the prior art and thus the subject-matter of claims 1-13 can be considered inventive (Article 33(3) PCT).



INTERNATIONAL PRELIMINARY Inte EXAMINATION REPORT - SEPARATE SHEET



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3. Industrial applicability

The subject-matter of present claims 1-13 appears to comply with the requirements of industrial applicability as stipulated in Article 33(4) PCT.